

## AGENDA



## Recommendation for Council Action

## AUSTIN CITY COUNCIL

Regular Meeting: December 13, 2018

Item Number: 006

## Capital Contracting Office

Authorize award and execution of a construction contract with Matous Construction, Ltd., for the Hornsby Bend Side Stream Treatment Plant (SSTP) Relief project in the amount of \$12,604,000 plus a \$1,260,400 contingency, for a total contract amount not to exceed \$13,864,400. [Note: This contract will be awarded in compliance with City Code Chapter 2-9A (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 24.73% MBE and 3.31% WBE participation.]

<b>Lead Department</b>	Austin Water  <u><b>Managing Department(s)</b></u> Public Works Department
<b>Fiscal Note</b>	Funding is available in the Fiscal Year 2018-2019 Capital Budget of Austin Water.
<b>Purchasing Language</b>	Lowest responsive bid of twobids received through a competitive Invitation for Bid solicitation.
<b>For More Information</b>	Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov.  NOTE: Respondents to this solicitation, and their representatives, shall direct inquiries to Rolando Fernandez, 512-974-7749, Aiden Cohen, 512-974-1929, or the Project Manager, Jules Parrish, 512-974-9385.
<b>Council Committee, Boards and Commission Action</b>	To be reviewed by the Water & Wastewater Commission on December 5, 2018.

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### **Additional Backup Information:**

The Hornsby Bend Biosolids Management Plant receives all biosolids generated by Austin's two regional wastewater treatment plants, Walnut Creek and South Austin Regional. These solids are treated by thickening, anaerobic digestion, dewatering, and composting. During the thickening process, liquid is separated from the solids producing a side stream. This side stream has a wastewater loading of solids, ammonia and a high biological oxygen demand (BOD) which requires further treatment.

The thickening process side stream (centrate) is treated by an existing onsite treatment plant referenced as the side stream treatment plant (SSTP). Currently the SSTP is beyond its useful life and the electrical and mechanical equipment is severely corroded and compromised. The treated side stream is then discharged into the onsite pond system. The pond system is not designed to treat a continuous high BOD loaded influent. Hence, constructing the SSTP rehabilitation project will minimize environmental impacts.

Originally constructed in the late 1960s for treating wastewater from the Bergstrom Air Force Base, the plant was converted to process and treat Hornsby Bend's side streams. Subsequently the SSTP was modified or rehabilitated in the mid-1980s and 1997. There have been no significant replacements or rehabilitation since 1997 (over 20 years).

Benefits of the project will include a significant reduction in the amount of wastewater load entering the pond system and a significant increase to process reliability resulting from replacement of corroded and aging equipment including associated electrical infrastructure. Replacing corroded electrical systems, installing safety signs, and improving equipment access will also result in a safer work environment.

This item includes three allowances. An allowance of \$10,000 will be used to address Supervisory Control and Data Acquisition (SCADA) computers and equipment. The allowance of \$1,000 will be used to address permanent badge decals and badge blanks. The allowance of \$30,000 will be used to recalibrate and inspect existing flow meters. An allowance is an amount that is specified and included in the construction contract or specifications for certain items of work whose details are not yet determined at the time of bidding.

This contract will also include award of an alternate bid item, Secondary Clarifier No. 1 Replacement Mechanism, as the current mechanism is inoperable and will provide redundancy to the system if Secondary Clarifier No. 2 must be taken offline for repairs. An alternate bid is for additional items of work that may be awarded as part of the contract if the bids come within the specified budget.

Prompt action is requested on this item to ensure the project moves into the construction phase. Failure to construct this project in a timely manner may result in over loading the Hornsby Bend's pond system, therefore potentially impacting the environment.

Due to the potential for unforeseen conditions in rehabilitating aging infrastructure, a 10% contingency in funding has been included to allow for the expeditious processing of any change orders. A

contingency is an additional amount of money added to the construction budget to cover any unforeseen construction costs associated with the project.

The contract allows 595 calendar days for completion of this project. This project is located within the City of Austin extraterritorial jurisdiction zip code 78725. The project will be managed by the Public Works Department.

Matous Construction, LTD is located in Belton, Texas.

Information on this solicitation is available through the City's Austin Finance Online website. Link: Solicitation Documents.

<[https://www.austintexas.gov/financeonline/account\\_services/solicitation/solicitation\\_details.cfm?sid=123369](https://www.austintexas.gov/financeonline/account_services/solicitation/solicitation_details.cfm?sid=123369)>